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PRELIMINARY REPORT

**1955-56 F.O.B. PRICE RELATIONSHIPS  
PACIFIC COAST CANNED FRUITS**

Cling Peaches  
Pears  
Apricots  
Freestone Peaches  
Fruit Cocktail

Sidney Hoos

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1955-56 F.O.B. PRICE RELATIONSHIPS--  
PACIFIC COAST CANNED FRUITS  
CLING PEACHES, PEARS, APRICOTS, FREESTONE PEACHES, AND FRUIT COCKTAIL

by

Sidney Hoos<sup>1/</sup>

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CLING PEACHES, PEARS, ALMONDS, PISTACHIOS, PINEAPPLES, AND FRUIT COCKTAIL  
 1925-26 F.O.B. PRICE RELATIONSHIPS—  
 PRELIMINARY REPORT—  
 PACIFIC COAST CANNED FRUITS

by  
 Sidney Hooper

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CLING PEACHES, PEARS, APRICOTS, FREESTONE PEACHES, AND FRUIT COCKTAIL

Introduction

This preliminary report is presented to the various participants in the Pacific Coast canned fruit industries in response to their request for advance economic and marketing information. The data summarized here, including statistical information on packs, shipments, carry-overs, f.o.b. prices, and their relations to the major factors affecting them, are used by canners, distributors, and grower groups in their consideration and formulation of production and marketing policies and programs. Such specific marketing data and price relationships are examined and reviewed with industry groups in detail and in relation to alternative marketing plans at group meetings. It is for use in such discussions that the report is prepared in the form presented here.

This report is a preliminary one because: (1) the prices used for the 1955-56 marketing year are averages for the 11-month period, June 1, 1955-April 30, 1956; (2) the canners' carry-over for cling peaches and fruit cocktail as of June 1, 1956 are estimates based on projected movements for the last month of the marketing year; and for pears, apricots, and freestone peaches the June 1, 1956 carry-over figures are estimates based on projected movements for the last two months of the year; and (3) national disposable personal income and exports for 1955-56 include estimates for the last quarter of the marketing year. Those preliminary estimates are necessary to provide the industry with marketing information which can be used before final and complete figures are available.



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This report includes more information than the one titled "Preliminary Report--Canned Cling Peaches--1955-56 F.O.B. Price Relationships" issued recently. That report was concerned primarily with cling peaches and with postwar experience. This report, however, presents currently available industry data for the other canned fruits noted in the report title and for prewar as well as postwar years.

### Results

The f.o.b. prices which reflect the average industry experience during the 1955-56 marketing year are summarized as follows:

Canned fruit	Average f.o.b. prices
	June 1, 1955- April 30, 1956 dollars per case
California cling peaches (choice, No. 2 $\frac{1}{2}$ )	5.70
California apricots (choice, No. 2 $\frac{1}{2}$ )	5.10
Pacific Coast pears (choice, No. 2 $\frac{1}{2}$ )	6.72
Pacific Coast Elberta freestone peaches (fancy, No. 2 $\frac{1}{2}$ )	6.78
California fruit cocktail (choice, No. 2 $\frac{1}{2}$ )	6.56
Hawaiian pineapple (fancy, sliced, No. 2 $\frac{1}{2}$ ), f.o.b. San Francisco	7.35

The estimated movement of canned fruit from canners during 1955-56 is given in detail in the appended tables. But the following summary table indicates the high lights:



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### Results

The f.o.b. prices which reflect the average industry experience during the 1955-56 marketing year are summarized as follows:

Canned Fruit		Average f.o.b. prices June 1, 1955- April 30, 1956 dollars per case
California cling peaches (choice, No. 2½)		5.70
California apricots (choice, No. 2½)		5.10
Pacific Coast pears (choice, No. 2½)		6.75
Pacific Coast Elberta freestone peaches (fancy, No. 2½)		6.78
California fruit cocktail (choice, No. 2½)		6.55
Hawaiian pineapple (fancy sliced, No. 2½), f.o.b. San Francisco		7.35

The estimated movement of canned fruit from canners during 1955-56 is given in detail in the appended tables. But the following summary table indicates the high lights:



Canned fruit	Estimated movement from canners, 1955-56	
	Total	Domestic commercial
	thousands of cases; 24 No. 2½ basis	
California cling peaches	16,881	14,870
California apricots	4,804	4,579
Pacific Coast pears	7,644	6,894
Pacific Coast freestone peaches	3,946	3,946
California fruit cocktail	9,285	7,985

Also, it is estimated that some 12,800,000 cases of pineapple moved into trade channels through packers' and importers' shipments for domestic civilian consumption.

In addition to providing the basic marketing information summarized above and in the attached tables, this report presents the results of statistical analyses of various major factors related to the industry average f.o.b. prices of canned cling peaches, pears, and apricots. The major price-affecting factors include the domestic commercial movement from canneries, the level of national disposable personal income, and the relative level of prices of canned fruits competing with the respective canned fruits. Those price-influencing factors are shown in tables appended to this report. The f.o.b. price relationships may be summarized as follows:

#### Canned Cling Peaches

A change of 1,000,000 cases (24 No. 2½ basis) in the commercial domestic movement of California canned cling peaches, considered by itself, was on the average accompanied by a change in the opposite direction of about 15 cents a case in the f.o.b. price (choice, No. 2½) of canned cling peaches.



Commodity		Unit	1954	1955	1956	1957	1958	1959	1960
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Cassava		MT	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Also, it is estimated that some 1,000,000 cases of disease would have been caused by the disease, and that the disease would have caused a loss of about 1,000,000 cases of disease.

and in the attached tables, this report provides the results of statistical analysis of various major factors related to the industry average f.o.b. prices of ground coffee, beans, and spices. The major price- and other factors including the domestic, semi-processed movement from countries, the level of domestic disposable personal income, and the relative level of prices of coffee beans and other factors are shown in tables appended to this report. The f.o.b. price relationships may be summarized as follows:

A change of 1,000,000 cases (21 No. 25 beans) in the commercial market would result in a change of about 1,000,000 cases in the domestic market. This change would be accompanied by a change in the opposite direction of about 1,000,000 cases in the f.o.b. price (change No. 25) of ground coffee beans.



An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 37 cents a case in the f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of canned peaches.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 23 cents a case in the f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of canned clingstone peaches. Differences between the actual f.o.b. prices of canned cling peaches (choice, No. 2 $\frac{1}{2}$ ) and those accounted for by the statistical analysis are given in Table 5 of this report.

#### Canned Pears

A change of 1,000,000 cases (24 No. 2 $\frac{1}{2}$  basis) in the commercial domestic movement of Pacific Coast canned pears, considered by itself, was on the average accompanied by a change in the opposite direction of about 60 cents a case in the f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of Pacific Coast canned pears.

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 50 cents a case in the f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of Pacific Coast canned pears.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 19 cents a case in the f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of Pacific Coast canned pears.



an increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 27 cents a case in the f.o.b. price (chocolate, No. 27) of...

A change of 10 points in the adjusted index of prices of consumer goods, considered by itself, was on the average accompanied by a change in the same direction of about 23 cents a case in the f.o.b. price (chocolate, No. 27) of canned chocolate. The difference between the f.o.b. price of canned chocolate (chocolate, No. 27) and the f.o.b. price of canned chocolate (chocolate, No. 27) was, therefore, used for the statistical analysis and given in Table 2 of this report.

A change of 1,000,000 cases (No. 27) in the consumption of chocolate, considered by itself, was on the average accompanied by a change in the opposite direction of about 27 cents a case in the f.o.b. price (chocolate, No. 27) of chocolate.

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 27 cents a case in the f.o.b. price (chocolate, No. 27) of...

A change of 10 points in the adjusted index of prices of consumer goods, considered by itself, was on the average accompanied by a change in the same direction of about 23 cents a...



Differences between the actual f.o.b. prices of Pacific Coast canned pears (choice, No.  $2\frac{1}{2}$ ) and those explained by the statistical analysis are given in Table 9 of this report.

#### Canned Apricots

A change of 1,000,000 cases (24 No.  $2\frac{1}{2}$  basis) in the commercial domestic movement of California canned apricots, considered by itself, was on the average accompanied by a change in the opposite direction of about 55 cents a case in the f.o.b. price (choice, No.  $2\frac{1}{2}$ ) of canned apricots.

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 28 cents a case in the f.o.b. price (choice, No.  $2\frac{1}{2}$ ) of canned apricots.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 11 cents a case in the f.o.b. price (choice, No.  $2\frac{1}{2}$ ) of canned apricots.

Differences between the actual f.o.b. prices of canned apricots (choice, No.  $2\frac{1}{2}$ ) and those explained by the statistical analysis are given in Table 13 of this report.

#### Data

Although the sources of the data on which this report is based are indicated in the footnotes of the various tables, the following supplementary explanations may be noted for the 1955-56 prices, movement data, and other economic information used in the analyses.



Differences between the actual f.o.b. prices of Indian Ocean canned pineapples (choice, No. 2) and those explained by the statistical analysis are given in

A change of 1,000 cases (24 tons) in the commercial movement of California canned pineapples, considered by itself, is on the average accompanied by a change in the opposite direction of about 25 cents a case in the f.o.b. price (choice, No. 2) of canned

An increase of 10 per cent in the index of disposable income, controlled by itself, was on the average accompanied by an increase of about 25 cents a case in the f.o.b. price (choice, No. 2) of canned

A change of 10 points in the highest index of prices of consumer goods, controlled by itself, was on the average accompanied by a change in the same direction of about 11 cents a case in the f.o.b. price (choice, No. 2) of canned pineapples. Differences between the actual f.o.b. prices of canned pineapples (choice, No. 2) and those explained by the statistical analysis are given in Table 13 of this

Although the summary of the data on which this report is based are indicated in the footnotes of the various tables, the following supplementary explanations may be noted for the 1935-36 prices, movement rates, and other



The f.o.b. prices of cling peaches, Elberta freestone peaches, pears, apricots, and fruit cocktail are industry average prices reflecting cannery operations and sales experience. The f.o.b. prices for canned pears and Elberta freestone peaches reflect actual market experience of the canneries in both the Pacific Northwest and in California. The f.o.b. prices for the Northwest were made available through the Northwest Cannery Association and those for California were made available through the Cannery League of California. The basic price data for California canned pears, apricots, and Elberta freestone peaches were made available through the Cannery League of California. The basic price data for cling peaches and fruit cocktail were obtained through the Cling Peach Advisory Board. The price data for Hawaiian pineapple are based on published quotations supplemented by trade information.

The data on canner stocks and movement are based on reports issued by the following agencies: for cling peaches and fruit cocktail, the Cling Peach Advisory Board; for California canned apricots, pears, and freestone peaches, the Cannery League of California; and for Northwest canned pears and freestone peaches, the Northwest Cannery Association. The movement data for canned pineapple were derived from published reports checked with trade sources.

The index of United States disposable personal income is based on regular reports issued by the U. S. Department of Commerce. The levels of competing canned fruit prices, for each of the fruits, are measured by indexes constructed as indicated in Tables 6, 10, and 14 appended to this report. Exports are based on U. S. Department of Commerce reports, and United States government purchases are from trade sources based on government released information.





TABLE O

## Estimated\* Canners' On Hand and Movement in 1955-56

Factors of supply and movement	California cling peaches	California fruit cock- tail	California apricots	Pacific Coast pears	Pacific Coast freestone peaches
	thousands of cases; 24 No. 2½ basis				
Canners' on hand, June 1, 1955	558	1,226	222	1,545	458
Pack, 1955	17,923	9,809	5,782	7,849	3,988
Total supply, 1955-56	18,481	11,035	6,004	9,394	4,446
*Canners' on hand, June 1, 1956	(1,600)	(1,750)	(1,200)	(1,750)	(500)
*F.o.b. movement, 1955-56	(16,881)	(9,285)	(4,804)	(7,644)	(3,946)
*Exports, 1955-56	(1,500)	(1,300)	(225)	(750)	
*F.o.b. domestic movement, 1955-56	(15,381)	(7,985)	(4,579)	(6,894)	
Quartermaster and Veterans Administration purchases, 1955-56	511				
*F.o.b. domestic commercial movement, 1955-56	(14,870)	(7,985)	(4,579)	(6,894)	(3,946)

\* Items with an asterisk \* and figures within parentheses ( ) are estimates.

Sources: Cannery League of California, Cling Peach Advisory Board, Northwest Cannery Association, and U. S. Department of Commerce.





TABLE 1

8.

## F.O.B. Prices of Canned Fruits from 1924-25

Marketing year, June through May	Calif- ornia cling peaches (choice, No. 2½)	Calif- ornia apricots (choice, No. 2½)	Pacific Coast pears (choice, No. 2½)	Pacific Coast <sup>a</sup> / Elberta freestone peaches (fancy, No. 2½)	California fruit cocktail (choice, No. 2½)	Hawaiian pineapple (sliced, fancy, No. 2½) f.o.b. San Francisco
	1	2	3	4	5	6
	dollars per case					
1924-25	4.72	4.60	5.85			5.20
1925-26	4.23	4.40	5.90			4.30
1926-27	4.10	4.55	4.70			4.70
1927-28	3.45	4.65	5.00			4.20
1928-29	3.50	4.35	4.50			4.40
1929-30	4.57	4.65	5.25			4.70
1930-31	3.20	4.00	3.90			4.00
1931-32	2.80	3.25	3.10			3.00
1932-33	2.15	2.75	2.75			3.10
1933-34	2.49	3.00	2.90			3.60
1934-35	2.88	4.15	3.35	4.00		3.60
1935-36	2.66	3.25	3.20	3.80		3.60
1936-37	2.79	3.10	3.20	3.80	3.90	3.60
1937-38	3.11	3.30	3.35	3.80	4.00	3.80
1938-39	2.44	2.75	3.05	3.70	3.40	3.40
1939-40	2.56	3.40	3.60	3.60	3.75	3.60
1940-41	2.43	3.80	3.35	3.60	3.35	3.60
(War years)						
1947-48	4.78	6.00	7.10	6.50	6.90	6.10
1948-49	5.10	5.25	8.10	7.00	6.65	6.80
1949-50	4.07	5.00	5.30	5.90	5.70	6.40
1950-51	5.17	5.75	7.80	7.50	6.65	6.80
1951-52	5.53	5.94	7.86	7.50	6.68	6.80
1952-53	5.32	5.68	6.49	7.00	6.41	6.85
1953-54	5.12	5.25	6.91	6.70	6.67	6.85
1954-55	5.17	5.66	6.92	6.45	6.57	6.90
1955-56*	5.70	5.10	6.72	6.78	6.56	7.35

\* Preliminary; subject to revision.

a/ The Elberta freestone f.o.b. prices for 1954-55 and 1955-56 are for Pacific Coast; for earlier years, the f.o.b. prices are for California.

## Sources:

Cols. 1 and 5: Based on data compiled by the Cling Peach Advisory Board.

Col. 2: Based on data compiled by Cannery League of California

Cols. 3 and 4: Based on data compiled by Cannery League of California and Northwest Cannery Association.

Col. 4: Based on data published in weekly issues, California Fruit News, supplemented by trade information.



Thanks for your letter dated 14 April 1964.

TABLE 2

Canners' Commercial Domestic Movement of Canned Fruits from 1924-25

Marketing year, June through May	California cling peaches	California apricots	Pacific Coast pears	Pacific Coast <sup>a</sup> / freestone peaches	California fruit cocktail	Pineapple
	1	2	3	4	5	6
	thousands of cases; 24 No. 2½ basis					
1924-25	4,607	1,235	1,014			5,183
1925-26	7,484	1,755	1,293			6,265
1926-27	8,599	2,038	1,957			6,713
1927-28	10,867	1,779	1,637			7,131
1928-29	10,490	2,195	2,170			5,990
1929-30	7,483	2,259	2,383			7,173
1930-31	9,257	2,183	2,617			8,960
1931-32	5,976	1,541	1,990			6,351
1932-33	8,148	1,521	2,200			6,960
1933-34	7,415	2,034	2,767			7,442
1934-35	7,685	1,477	2,984	321		6,705
1935-36	8,452	1,951	2,670	274		8,582
1936-37	9,358	2,992	3,997	518	2,178	9,989
1937-38	6,854	2,901	2,681	677	2,271	8,529
1938-39	10,127	2,562	3,114	542	2,951	8,292
1939-40	8,673	2,640	2,768	878	3,091	10,796
1940-41	11,433	2,012	4,150	1,233	4,514	10,573
(War years)						
1947-48	13,843	2,415	4,866	1,291	8,836	10,112
1948-49	12,382	3,528	3,660	1,690	6,791	11,684
1949-50	15,849	3,072	5,613	1,493	7,091	11,920
1950-51	14,287	3,566	4,815	1,896	8,111	13,077
1951-52	13,648	3,410	4,348	2,271	5,604	9,731
1952-53	14,374	3,158	5,731	2,479	7,463	11,750
1953-54	14,682	3,922	5,373	2,534	6,915	12,111
1954-55	14,086	3,170	6,272	3,840	7,927	12,800
1955-56*	14,870	4,579	6,894	3,946	7,985	12,800

\* Preliminary; subject to revision.

a/ The freestone peach data shown for 1954-55 and 1955-56 are for Pacific Coast; the freestone peach data for earlier years are for California so as to correspond with the f.o.b. prices in column 4 of Table 1.

## Sources:

Col. 1: Table 3, column 7.

Col. 2: Table 11, column 7.

Col. 3: Table 7, column 7.

Col. 4: Table 15, column 5.

Col. 5: Table 16, column 8.

Col. 6: Based on data compiled by Pineapple Growers Association of Hawaii and U. S. Department of Commerce, supplemented by data and information from trade sources.



Generalized Linear Model of the Effect of the Treatment on the Response

Response	Intercept	Treatment	Age	Gender	Education	Income
1	1.234	0.567	0.123	0.456	0.789	0.234
2	0.987	0.432	0.098	0.321	0.654	0.187
3	0.765	0.321	0.076	0.210	0.543	0.165
4	0.654	0.210	0.065	0.109	0.432	0.154
5	0.543	0.109	0.054	0.098	0.321	0.143
6	0.432	0.098	0.043	0.087	0.210	0.132
7	0.321	0.087	0.032	0.076	0.109	0.121
8	0.210	0.076	0.021	0.065	0.098	0.110
9	0.109	0.065	0.010	0.054	0.087	0.099
10	0.098	0.054	0.009	0.043	0.076	0.088

The results of the generalized linear model are presented in Table 2. The intercept represents the expected response for a person with no treatment, no age, no gender, no education, and no income. The coefficients for the treatment, age, gender, education, and income represent the change in the expected response for a one-unit increase in the corresponding variable.

The results of the generalized linear model are presented in Table 2. The intercept represents the expected response for a person with no treatment, no age, no gender, no education, and no income. The coefficients for the treatment, age, gender, education, and income represent the change in the expected response for a one-unit increase in the corresponding variable.

TABLE 3

California Canned Cling Peaches, Cannery Pack, Carry-Over,  
Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Cannery stocks on hand at be- ginning of year	Total supply	Cannery stocks on hand at end of year	Com- mercial movement from cannery hands	United States exports	Com- mercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1924-25	5,206	1,391	6,597	709	5,888	1,281	4,607
1925-26	9,080	709	9,789	449	9,340	1,856	7,484
1926-27	13,561	449	14,010	3,730	10,280	1,681	8,599
1927-28	10,499	3,730	14,229	1,322	12,907	2,040	10,867
1928-29	14,439	1,322	15,761	3,109	12,652	2,162	10,490
1929-30	7,724	3,109	10,833	1,629	9,204	1,721	7,483
1930-31	13,174	1,629	14,803	3,922	10,881	1,624	9,257
1931-32	8,349	3,922	12,271	4,826	7,445	1,469	5,976
1932-33	6,414	4,826	11,240	1,359	9,881	1,733	8,148
1933-34	10,244	1,359	11,603	2,389	9,214	1,799	7,415
1934-35	8,258	2,389	10,647	1,836	8,811	1,126	7,685
1935-36	10,850	1,836	12,686	1,929	10,757	2,305	8,452
1936-37	10,236	1,929	12,165	1,498	10,667	1,309	9,358
1937-38	12,205	1,498	13,703	5,578	8,125	1,271	6,854
1938-39	9,446	5,578	15,024	2,737	12,287	2,160	10,127
1939-40	10,579	2,737	13,316	2,690	10,626	1,953	8,673
1940-41	9,608	2,690	12,299	779	11,520	87	11,433
(War years)							
1947-48	15,309	456	15,765	1,247	14,518	675	13,843
1948-49	14,650	1,247	15,897	3,061	12,836 <sup>a/</sup>	454	12,382
1949-50	16,525	3,061	19,585	2,058	16,332 <sup>b/</sup>	483	15,879
1950-51	14,417	2,058	16,475	531	14,771 <sup>c/</sup>	484	14,287
1951-52	19,145	531	19,676	3,418	14,078 <sup>d/</sup>	430	13,648
1952-53	14,964	3,418	18,382	2,328	14,888 <sup>e/</sup>	514	14,374
1953-54	17,163	2,328	19,490	2,708	15,485 <sup>f/</sup>	803	14,682
1954-55	13,818	2,708	16,526	558	15,056 <sup>f/</sup>	970	14,086
1955-56*	17,923	558	18,481	1,600	16,370 <sup>g/</sup>	1,500	14,870

(Continued on next page.)



Table 2

Summary of the results of the analysis of variance for the different groups of subjects.

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square	F	p
Between Groups	12.5	2	6.25	1.5	0.25
Within Groups	16.0	18	0.89		
Total	28.5	20			
Between Groups	12.5	2	6.25	1.5	0.25
Within Groups	16.0	18	0.89		
Total	28.5	20			
Between Groups	12.5	2	6.25	1.5	0.25
Within Groups	16.0	18	0.89		
Total	28.5	20			
Between Groups	12.5	2	6.25	1.5	0.25
Within Groups	16.0	18	0.89		
Total	28.5	20			

Table 3 continued.

\* Preliminary; subject to revision.

- a/ Excludes government school lunch purchases of 865,000 cases in June, 1949-March, 1950, and an additional 331,000 cases in April, 1950. If school lunch purchases were included, total movement would be 17,528,219 cases.
- b/ Excludes government purchases of 1,172,766 cases. If government purchases were included, total movement would be 15,943,675 cases.
- c/ Excludes government purchases of 2,180,000 cases (1,734,000 quartermaster and 446,000 school lunch). If government purchases were included, total movement would be 16,258,400 cases.
- d/ Excludes government purchases of 1,166,000 cases (960,000 quartermaster and 206,000 school lunch). If government purchases were included, total movement would be 16,054,000 cases.
- e/ Excludes government purchases of 1,297,000 cases (534,000 quartermaster and 763,000 school lunch). If government purchases were included, total movement would be 15,782,000 cases.
- f/ Excludes government purchases of 912,000 cases (69,000 quartermaster and 843,000 school lunch). If government purchases were included, total movement would be 15,968,000 cases.
- g/ Excludes government purchases of 511,404 cases (478,923 quartermaster and 32,481 Veterans Administration). If government purchases were included, total movement would be 16,881,564.

Sources:

Cols. 1, 2, and 4: From reports issued by Canners League of California and Cling Peach Advisory Board.

Col. 3: Column 1 plus column 2.

Col. 5: Column 3 minus column 4.

Col. 6: U. S. Department of Commerce. March-May, 1956, estimated. (All exports considered to be clings; no breakdown between clings and frees is available.)

Col. 7: Column 5 minus column 6.



1. The first of these is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

2. The second is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

3. The third is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

4. The fourth is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

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the system is not a simple one, but a  
complex one, involving many factors.

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complex one, involving many factors.

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complex one, involving many factors.

8. The eighth is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

9. The ninth is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

10. The tenth is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

11. The eleventh is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors.

TABLE 4

F.O.B. Prices of Canned Cling Peaches and  
Related Economic Variables from 1924-25

Marketing year, June through May	F.o.b. price of canned cling peaches (choice, No. 2 $\frac{1}{2}$ )	F.o.b. commercial domestic movement of California cling peaches (24 No. 2 $\frac{1}{2}$ basis)	Index of United States dispos- able personal income	Index of com- peting canned fruit prices
	1	2	3	4
	dollars per case	millions of cases	1947-1949 = 100	
1924-25	4.72	4.607	37.8	215.2
1925-26	4.23	7.484	40.7	174.9
1926-27	4.10	8.599	41.0	178.6
1927-28	3.45	10.867	41.0	168.2
1928-29	3.50	10.490	43.6	158.6
1929-30	4.57	7.483	43.0	175.0
1930-31	3.20	9.257	37.1	168.2
1931-32	2.80	5.976	29.9	160.4
1932-33	2.15	8.148	23.7	197.0
1933-34	2.49	7.415	26.5	197.7
1934-35	2.88	7.685	29.0	195.5
1935-36	2.66	8.452	33.1	164.5
1936-37	2.79	9.358	37.2	146.7
1937-38	3.11	6.854	36.3	158.5
1938-39	2.44	10.127	36.1	141.2
1939-40	2.56	8.673	38.8	145.3
1940-41	2.43	11.433	44.2	124.9
(War years)				
1947-48	4.78	13.843	95.0	108.0
1948-49	5.10	12.382	101.9	103.8
1949-50	4.07	15.849	103.2	88.8
1950-51	5.17	14.287	115.8	92.6
1951-52	5.53	13.648	123.3	87.8
1952-53	5.32	14.374	130.8	78.7
1953-54	5.12	14.682	134.8	76.8
1954-55	5.17	14.086	138.8	75.2
1955-56*	5.70	14.870	147.0	71.5

\* Preliminary; subject to revision.

## Sources:

Col. 1: Table 1, column 1.

Col. 2: Table 3, column 7.

Col. 3: Table 6, column 4.

Col. 4: For sources and method of construction, see Table 6.



THE HISTORY OF THE UNITED STATES

1776	1777	1778	1779	1780
1781	1782	1783	1784	1785
1786	1787	1788	1789	1790
1791	1792	1793	1794	1795
1796	1797	1798	1799	1800
1801	1802	1803	1804	1805
1806	1807	1808	1809	1810
1811	1812	1813	1814	1815
1816	1817	1818	1819	1820
1821	1822	1823	1824	1825
1826	1827	1828	1829	1830
1831	1832	1833	1834	1835
1836	1837	1838	1839	1840
1841	1842	1843	1844	1845
1846	1847	1848	1849	1850
1851	1852	1853	1854	1855
1856	1857	1858	1859	1860
1861	1862	1863	1864	1865
1866	1867	1868	1869	1870
1871	1872	1873	1874	1875
1876	1877	1878	1879	1880
1881	1882	1883	1884	1885
1886	1887	1888	1889	1890
1891	1892	1893	1894	1895
1896	1897	1898	1899	1900

THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES

TABLE 5

Actual and Estimated F.O.B. Prices of California Canned Cling Peaches  
Choice, No. 2 $\frac{1}{2}$ , from 1924-25

Marketing year, June through May	California cling peaches (choice, No. 2 $\frac{1}{2}$ )		Difference: column 1 minus column 2	Percentage difference: column 3 as per cent of column 1
	Actual f.o.b. price	Estimated f.o.b. price		
	1	2	3	4
	dollars per case			per cent
1924-25	4.72	5.04	-.32	- 6.8
1925-26	4.23	3.95	.28	6.6
1926-27	4.10	3.88	.22	5.4
1927-28	3.45	3.28	.17	4.9
1928-29	3.50	3.37	.13	3.7
1929-30	4.57	4.17	.40	8.8
1930-31	3.20	3.15	.05	1.6
1931-32	2.80	2.65	.15	5.4
1932-33	2.15	2.21	-.06	- 2.8
1933-34	2.49	2.79	-.30	-12.0
1934-35	2.88	3.05	-.17	- 5.9
1935-36	2.66	2.74	-.08	- 3.0
1936-37	2.79	2.65	.14	5.0
1937-38	3.11	3.23	-.12	- 3.9
1938-39	2.44	2.28	.16	6.6
1939-40	2.56	2.90	-.34	-13.3
1940-41	2.43	2.50	-.07	- 2.9
(War years)				
1947-48	4.78	4.75	.03	0.6
1948-49	5.10	5.17	-.07	- 1.4
1949-50	4.07	4.32	-.25	- 6.1
1950-51	5.17	5.11	.06	1.2
1951-52	5.53	5.35	.18	3.2
1952-53	5.32	5.26	.06	1.1
1953-54	5.12	5.29	-.17	- 3.3
1954-55	5.17	5.46	-.29	- 5.6
1955-56*	5.70	5.48	.22	3.9

\* Preliminary; subject to revision.

Sources:

Col. 1: Table 4, column 1.

Col. 2: Estimated by use of data in Table 4 applied to equation (1)  
on page 15.



# TABLE 2

Estimated U.S. Imports of Various Types of Automobiles, 1954-1958

Year	Imports of U.S. Type	Imports of Foreign Type	Total Imports
1954	1,200,000	1,800,000	3,000,000
1955	1,300,000	1,700,000	3,000,000
1956	1,400,000	1,600,000	3,000,000
1957	1,500,000	1,500,000	3,000,000
1958	1,600,000	1,400,000	3,000,000

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Imports of U.S. Type include U.S. built cars and trucks.

TABLE 6

Construction of Adjusted Index of Prices of Canned Fruits  
Competing with Canned Cling Peaches from 1924-25

Marketing year, June through May	Weighted average prices of competing canned fruits		United States disposable personal income		Adjusted index of competing canned fruit prices, 1947-1949 = 100
	Dollars per case	Index, 1947-48 to 1949-50 = 100	Billions of dollars	Index, 1947-1949 = 100	
	1	2	3	4	5
1924-25	5.1890	81.35	70.9	37.8	215.2
1925-26	4.5410	71.19	76.2	40.7	174.9
1926-27	4.6715	73.23	76.8	41.0	178.6
1927-28	4.4001	68.98	76.9	41.0	168.2
1928-29	4.4104	69.14	81.8	43.6	158.6
1929-30	4.8014	75.27	80.6	43.0	175.0
1930-31	3.9810	62.41	69.5	37.1	168.2
1931-32	3.0591	47.96	56.0	29.9	160.4
1932-33	2.9781	46.69	44.5	23.7	197.0
1933-34	3.3421	52.39	49.6	26.5	197.7
1934-35	3.6170	56.70	54.3	29.0	195.5
1935-36	3.4742	54.46	62.1	33.1	164.5
1936-37	3.4812	54.57	69.8	37.2	146.7
1937-38	3.6709	57.55	68.0	36.3	158.5
1938-39	3.2515	50.97	67.6	36.1	141.2
1939-40	3.5968	56.39	72.8	38.8	145.3
1940-41	3.5216	55.21	82.8	44.2	124.9
(War years)					
1947-48	6.5437	102.58	178.0	95.0	108.0
1948-49	6.7478	105.78	190.9	101.9	103.8
1949-50	5.8455	91.64	193.4	103.2	88.8
1950-51	6.8375	107.19	217.0	115.8	92.6
1951-52	6.9023	108.20	231.1	123.3	87.8
1952-53	6.5665	102.94	245.2	130.8	78.7
1953-54	6.6044	103.53	252.6	134.8	76.8
1954-55	6.6604	104.41	260.1	138.8	75.2
1955-56*	6.7013	105.05	275.4	147.0	71.5

\* Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than clings) given in Table 1 weighted by corresponding domestic shipments given in Table 2.

Col. 2: Column 1 figures expressed as percentages with 1947-1949 = 100.

Col. 3: Based on income data published in U. S. Department of Commerce, Survey of Current Business.

Col. 4: Column 3 figures expressed as percentages with 1947-1949 = 100.

Col. 5: Column 2 as per cent of column 4.



• 1911 •

Technical Note for Canned Cling Peaches

With price as the dependent variable and the three other variables below considered as the independent variables, multiple linear regression equations fitted by the method of least squares to the series covering the years 1924-25 through 1955-56 (excluding 1941-42 through 1946-47) are:

$$(1) X_1' = -13.455750 - 0.161343[X_2] + 9.094173[\log_{10}X_3] + 0.022734(X_4); \bar{R} = 0.98$$

(4.449235) (20.040121) (7.195915)

$$(2) X_1' = -28.365904 - 0.174517[X_2] + 9.986109[\log_{10}X_3] + 7.859931[\log_{10}X_4]; \bar{R} = 0.98$$

(5.171425) (19.503085) (7.607760)

$$(3) \log_{10}X_1' = 3.531111 - 0.325123[\log_{10}X_2] + 1.184410[\log_{10}X_3] + 1.113054[\log_{10}X_4];$$

(3.959277) (17.775915) (8.249214)

$$\bar{R} = 0.98$$

$X_1$  is the annual average f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of California canned cling peaches (dollars per case); Table 4, column 1.

$X_2$  is the canners' commercial domestic movement of California canned cling peaches (in units of 1,000,000 cases); Table 4, column 2.

$X_3$  is the index of United States disposable personal income (1947-1949 = 100); Table 8, column 3.

$X_4$  is the adjusted index of prices of competing canned fruits (1947-1949 = 100); Table 8, column 4.

The figures in parentheses are t-ratios of the net regression coefficients, and  $\bar{R}$  is the adjusted coefficient of multiple correlation.



# THEORY OF THE EARTH

1. The Earth is a sphere of radius  $R$  and mass  $M$ .

2. The Earth is composed of a uniform material of density  $\rho$ .

3. The Earth is in a state of static equilibrium.

4. The Earth is in a state of dynamic equilibrium.

5. The Earth is in a state of dynamic equilibrium.

6. The Earth is in a state of dynamic equilibrium.

7. The Earth is in a state of dynamic equilibrium.

8. The Earth is in a state of dynamic equilibrium.

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16. The Earth is in a state of dynamic equilibrium.

17. The Earth is in a state of dynamic equilibrium.

18. The Earth is in a state of dynamic equilibrium.

19. The Earth is in a state of dynamic equilibrium.

20. The Earth is in a state of dynamic equilibrium.

TABLE 7

Pacific Coast Canned Pears, Cannery Pack, Carry-Over,  
Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Cannery stocks on hand at be- ginning of year	Total supply	Cannery stocks on hand at end of year	Total movement from cannery hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1924-25	2,119	142	2,261	51	2,210	1,196	1,014
1925-26	3,429	51	3,480	507	2,973	1,680	1,293
1926-27	3,260	507	3,767	401	3,366	1,409	1,957
1927-28	2,639	401	3,040	167	2,873	1,236	1,637
1928-29	4,116	167	4,283	292	3,991	1,821	2,170
1929-30	4,206	292	4,498	952	3,546	1,163	2,383
1930-31	4,153	952	5,105	893	4,212	1,595	2,617
1931-32	3,635	893	4,528	870	3,658	1,668	1,990
1932-33	3,117	870	3,987	429	3,558	1,358	2,200
1933-34	4,377	429	4,806	273	4,533	1,766	2,767
1934-35	5,505	273	5,778	1,291	4,487	1,503	2,984
1935-36	4,230	1,291	5,521	957	4,564	1,894	2,670
1936-37	5,355	957	6,312	850	5,462	1,465	3,997
1937-38	4,321	850	5,171	1,150	4,021	1,340	2,681
1938-39	4,090	1,150	5,240	400	4,840	1,726	3,114
1939-40	4,057	400	4,457	280	4,177	1,409	2,768
1940-41							4,150
(War years)							
1947-48	5,622	200	5,822	726	5,096	230	4,866
1948-49	3,831	726	4,557	761	3,796	136	3,660
1949-50	5,459	761	6,220	448	5,772	159	5,613
1950-51	6,048	448	6,496	566	5,930	215	4,815 <sup>a/</sup>
1951-52	6,215	566	6,781	1,575	5,206	95	4,348 <sup>b/</sup>
1952-53	6,003	1,575	7,578	1,361	6,217	131	5,731 <sup>c/</sup>
1953-54	5,185	1,361	6,546	747	5,799	116	5,373 <sup>d/</sup>
1954-55	7,475	747	8,222	1,545	6,677	260	6,272 <sup>e/</sup>
1955-56*	7,849	1,545	9,394	1,750	7,644	750	6,894

(Continued on next page.)



Date	Description	Debit	Credit	Balance
1901	Jan 1			
	Jan 2			
	Jan 3			
	Jan 4			
	Jan 5			
	Jan 6			
	Jan 7			
	Jan 8			
	Jan 9			
	Jan 10			
	Jan 11			
	Jan 12			
	Jan 13			
	Jan 14			
	Jan 15			
	Jan 16			
	Jan 17			
	Jan 18			
	Jan 19			
	Jan 20			
	Jan 21			
	Jan 22			
	Jan 23			
	Jan 24			
	Jan 25			
	Jan 26			
	Jan 27			
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Total

## Table 7 continued.

\* Preliminary; subject to revision.

- a/ Excludes 900,549 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 5,715,000 cases.
- b/ Excludes 763,000 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 5,111,000 cases.
- c/ Excludes 355,000 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 6,086,000 cases.
- d/ Excludes 310,000 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 5,683,000 cases.
- e/ Excludes United States government (quartermaster) purchases of 145,000 cases. If quartermaster purchases were included, total domestic shipments would amount to 6,417,000 cases.

## Sources:

- Cols. 1, 2, and 4: From reports issued by Cannery League of California and Northwest Cannery Association.
- Col. 3: Column 1 plus column 2.
- Col. 5: Column 3 minus column 4.
- Col. 6: U. S. Department of Commerce. ~~March-May~~, 1956, estimated.
- Col. 7: Column 5 minus column 6.



REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

...in the year 1890, the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

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...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

...the total area of the public lands in the State of California was 1,100,000 acres. Of this total, 1,000,000 acres were in the hands of the United States Government, and 100,000 acres were in the hands of private individuals.

TABLE 8

F.O.B. Prices of Pacific Coast Canned Pears and Related  
Economic Variables from 1926-27

Marketing year, June through May	F.o.b. price of Pacific Coast canned pears (choice No. 2 $\frac{1}{2}$ )	F.o.b. commercial domestic movement of Pacific Coast canned pears	Index of United States disposable income	Index of com- peting canned fruit prices
	1	2	3	4
	dollars per case	thousands of cases; 24 No. 2 $\frac{1}{2}$ basis	1947-1949 = 100	
1926-27	4.70	1,957	41.0	188.1
1927-28	5.00	1,637	41.0	164.2
1928-29	4.50	2,170	43.6	156.9
1929-30	5.25	2,383	43.0	189.6
1930-31	3.90	2,617	37.1	172.4
1931-32	3.10	1,990	29.9	173.0
1932-33	2.75	2,200	23.7	193.2
1933-34	2.90	2,767	26.5	201.8
1934-35	3.35	2,984	29.0	201.1
1935-36	3.20	2,670	33.1	167.6
1936-37	3.20	3,997	37.2	154.5
1937-38	3.35	2,681	36.3	171.1
1938-39	3.05	3,114	36.1	143.3
1939-40	3.60	2,768	38.8	147.4
(War years)				
1948-49	8.10	3,660	101.9	104.4
1949-50	5.30	5,613	103.2	88.4
1950-51	7.80	4,815	115.8	93.3
1951-52	7.86	4,348	123.3	89.0
1952-53	6.49	5,731	130.8	82.3
1953-54	6.91	5,373	134.8	78.6
1954-55	6.92	6,272	138.8	77.6
1955-56*	6.72	6,894	147.0	76.3

\* Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 3.

Col. 2: Table 7, column 7.

Col. 3: Table 6, column 4.

Col. 4: For sources and methods of construction, see Table 10.



Table 1

Summary of the results of the experiments conducted during the year 1900.

Date		Time		Temperature		Humidity		Wind		Direction		Speed		Remarks	
Jan. 1	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 2	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 3	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 4	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 5	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 6	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 7	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 8	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 9	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 10	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 11	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 12	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 13	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 14	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 15	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 16	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 17	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 18	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 19	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 20	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 21	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 22	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 23	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 24	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 25	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 26	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 27	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 28	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 29	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light
Jan. 30	1900	8:00	10:00	60	65	70	75	10	15	SW	SE	10	15	Clear	Light
Jan. 31	1900	8:00	10:00	65	70	75	80	10	15	SW	SE	10	15	Clear	Light

Notes: The results of the experiments conducted during the year 1900 are summarized in the table above. The data shows that the temperature and humidity were generally higher during the first half of the year than during the second half. The wind was generally light and the direction was generally SW or SE.

TABLE 9

Actual and Estimated F.O.B. Prices of Pacific Coast Canned Pears  
Choice, No. 2 $\frac{1}{2}$ , from 1926-27

Marketing year, June through May	Choice, No. 2 $\frac{1}{2}$		Difference: column 1 minus column 2	Column 3 as per cent of column 1
	Actual f.o.b. price	Estimated f.o.b. price		
	1	2	3	4
	dollars per case			per cent
1926-27	4.70	5.23	-.53	-11.3
1927-28	5.00	4.97	.03	0.6
1928-29	4.50	4.83	-.33	- 7.3
1929-30	5.25	5.25	0	0
1930-31	3.90	4.01	-.11	- 2.8
1931-32	3.10	3.28	-.18	- 5.8
1932-33	2.75	2.32	.43	15.6
1933-34	2.90	2.72	.18	6.2
1934-35	3.35	3.04	.32	9.2
1935-36	3.20	3.29	-.09	- 2.8
1936-37	3.20	2.83	.37	11.6
1937-38	3.35	3.83	-.48	-14.3
1938-39	3.05	3.00	.05	1.6
1939-40	3.60	3.67	-.07	- 1.9
(War years)				
1948-49	8.10	7.34	.76	9.4
1949-50	5.30	5.90	-.60	-11.3
1950-51	7.80	7.08	.72	9.2
1951-52	7.86	7.61	.25	3.2
1952-53	6.49	6.94	-.45	- 6.9
1953-54	6.91	7.25	-.34	- 4.9
1954-55	6.92	6.83	.09	1.3
1955-56*	6.72	6.72	0	0

\* Preliminary; subject to revision.

Sources:

Col. 1: From Table 1, column 3.

Col. 2: Estimated by use of data in Table 8 applied to equation (1)  
on page 21.



TABLE 1

Summary of the results of the analysis of variance for the different groups of subjects (see text for details)

Source of variation	Degrees of freedom	Mean squares		F-ratio	Significance level
		Between groups	Within groups		
1. Between groups	1	10.00	1.00	10.00	0.01
2. Within groups	19	1.00	0.50	2.00	0.10
3. Total	20	11.00	1.50		

1. Significant at the 0.01 level of probability.

GoF. 1: From Table 1, column 3.  
GoF. 2: Estimated by use of data in Table 1 applied to equation (1) on page 1.

TABLE 10

20.

Construction of Adjusted Index of Prices of Canned Fruits  
Competing with Pacific Coast Canned Pears from 1924-25

Marketing year, June through May	Weighted average prices of competing canned fruits		United States disposable income		Adjusted index of competing canned fruit prices, 1947-1949 = 100
	Dollars per case	Index, 1947-48 to 1949-50 = 100	Billions of dollars	Index, 1947-48 to 1949-50 = 100	
	1	2	3	4	5
1924-25	4.9322	86.76	70.9	37.8	229.5
1925-26	4.2775	75.24	76.2	40.7	184.9
1926-27	4.3850	77.13	76.8	41.0	188.1
1927-28	3.8284	67.34	76.9	41.0	164.2
1928-29	3.8886	68.40	81.8	43.6	156.9
1929-30	4.6358	81.54	80.6	43.0	189.6
1930-31	3.6370	63.97	69.5	37.1	172.4
1931-32	2.9416	51.74	56.0	29.9	173.0
1932-33	2.6025	45.78	44.5	23.7	193.2
1933-34	3.0405	53.48	49.6	26.5	201.8
1934-35	3.3163	58.33	54.3	29.0	201.1
1935-36	3.1549	55.49	62.1	33.1	167.6
1936-37	3.2677	57.48	69.8	37.2	154.5
1937-38	3.5303	62.10	68.0	36.3	171.1
1938-39	2.9414	51.74	67.6	36.1	143.3
1939-40	3.2517	57.20	72.8	38.8	147.4
1940-41	3.1262	54.99	82.8	44.2	124.4
(War years)					
1947-48	5.8005	102.03	178.0	95.0	107.4
1948-49	6.0455	106.34	190.9	101.9	104.4
1949-50	5.2094	91.63	193.4	103.2	88.8
1950-51	6.1424	108.04	217.0	115.8	93.3
1951-52	6.2418	109.79	231.1	123.3	89.0
1952-53	6.1209	107.67	245.2	130.8	82.3
1953-54	6.0209	105.91	252.6	134.8	78.6
1954-55	6.1195	107.64	260.1	138.8	77.6
1955-56*	6.3761	112.15	275.4	147.0	76.3

\* Preliminary; subject to revision.

Sources:

- Col. 1: F.o.b. prices (other than pears) given in Table 1 weighted by corresponding domestic shipments given in Table 2.
- Col. 2: Figures in column 1 expressed as percentages of their 1947-1949 average.
- Col. 3: Based on income data reported by U. S. Department of Commerce, Survey of Current Business.
- Col. 4: Figures in column 3 expressed as percentages of their 1947-1949 average.
- Col. 5: Column 2 as per cent of column 4.



1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

NAME	AGE	SEX	RELATION	DATE	PLACE
John Smith	25	M	Head	1880	New York
Mary Smith	22	F	Wife	1880	New York
James Smith	10	M	Son	1880	New York
Elizabeth Smith	8	F	Daughter	1880	New York
William Smith	5	M	Son	1880	New York
Anna Smith	3	F	Daughter	1880	New York
Robert Smith	1	M	Son	1880	New York
John Smith	25	M	Head	1881	New York
Mary Smith	22	F	Wife	1881	New York
James Smith	10	M	Son	1881	New York
Elizabeth Smith	8	F	Daughter	1881	New York
William Smith	5	M	Son	1881	New York
Anna Smith	3	F	Daughter	1881	New York
Robert Smith	1	M	Son	1881	New York
John Smith	25	M	Head	1882	New York
Mary Smith	22	F	Wife	1882	New York
James Smith	10	M	Son	1882	New York
Elizabeth Smith	8	F	Daughter	1882	New York
William Smith	5	M	Son	1882	New York
Anna Smith	3	F	Daughter	1882	New York
Robert Smith	1	M	Son	1882	New York
John Smith	25	M	Head	1883	New York
Mary Smith	22	F	Wife	1883	New York
James Smith	10	M	Son	1883	New York
Elizabeth Smith	8	F	Daughter	1883	New York
William Smith	5	M	Son	1883	New York
Anna Smith	3	F	Daughter	1883	New York
Robert Smith	1	M	Son	1883	New York
John Smith	25	M	Head	1884	New York
Mary Smith	22	F	Wife	1884	New York
James Smith	10	M	Son	1884	New York
Elizabeth Smith	8	F	Daughter	1884	New York
William Smith	5	M	Son	1884	New York
Anna Smith	3	F	Daughter	1884	New York
Robert Smith	1	M	Son	1884	New York
John Smith	25	M	Head	1885	New York
Mary Smith	22	F	Wife	1885	New York
James Smith	10	M	Son	1885	New York
Elizabeth Smith	8	F	Daughter	1885	New York
William Smith	5	M	Son	1885	New York
Anna Smith	3	F	Daughter	1885	New York
Robert Smith	1	M	Son	1885	New York
John Smith	25	M	Head	1886	New York
Mary Smith	22	F	Wife	1886	New York
James Smith	10	M	Son	1886	New York
Elizabeth Smith	8	F	Daughter	1886	New York
William Smith	5	M	Son	1886	New York
Anna Smith	3	F	Daughter	1886	New York
Robert Smith	1	M	Son	1886	New York
John Smith	25	M	Head	1887	New York
Mary Smith	22	F	Wife	1887	New York
James Smith	10	M	Son	1887	New York
Elizabeth Smith	8	F	Daughter	1887	New York
William Smith	5	M	Son	1887	New York
Anna Smith	3	F	Daughter	1887	New York
Robert Smith	1	M	Son	1887	New York
John Smith	25	M	Head	1888	New York
Mary Smith	22	F	Wife	1888	New York
James Smith	10	M	Son	1888	New York
Elizabeth Smith	8	F	Daughter	1888	New York
William Smith	5	M	Son	1888	New York
Anna Smith	3	F	Daughter	1888	New York
Robert Smith	1	M	Son	1888	New York
John Smith	25	M	Head	1889	New York
Mary Smith	22	F	Wife	1889	New York
James Smith	10	M	Son	1889	New York
Elizabeth Smith	8	F	Daughter	1889	New York
William Smith	5	M	Son	1889	New York
Anna Smith	3	F	Daughter	1889	New York
Robert Smith	1	M	Son	1889	New York
John Smith	25	M	Head	1890	New York
Mary Smith	22	F	Wife	1890	New York
James Smith	10	M	Son	1890	New York
Elizabeth Smith	8	F	Daughter	1890	New York
William Smith	5	M	Son	1890	New York
Anna Smith	3	F	Daughter	1890	New York
Robert Smith	1	M	Son	1890	New York

[illegible]

4 2 1

2. A federal statute is unconstitutional if it is not supported by a valid federal power.

1. The first part of the report is a general introduction to the project, which includes the objectives, scope, and methodology. This section is followed by a detailed description of the project's progress, including the results of the various tasks and the challenges encountered. The final part of the report is a conclusion, which summarizes the findings and provides recommendations for future work.

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Technical Note for Canned Pears

With price as the dependent variable and the three other variables below considered as the independent variables, multiple linear regression equations fitted by the method of least squares to the series covering the years 1926-27 through 1955-56 (excluding 1940-41 through 1947-48) are:

$$(1) \bar{X}_1 = -16.498389 - \frac{0.000615(X_2)}{(4.988212)} + \frac{11.999957(\log_{10} X_3)}{(10.746653)} + \frac{0.019037(X_4)}{(2.659884)}; \bar{R} = 0.98$$

$$(2) \bar{X}_1 = -2.299044 - \frac{0.311224(\log_{10} X_2)}{(4.639766)} + \frac{1.201291(\log_{10} X_3)}{(14.754583)} + \frac{0.923024(\log_{10} X_4)}{(5.379776)}$$

$$\bar{R} = 0.99$$

$X_1$  is the annual average f.o.b. price (choice, No. 2 $\frac{1}{2}$ ) of Pacific Coast canned pears (dollars per case); Table 8, column 1.

$X_2$  is the canners' commercial domestic movement of Pacific Coast canned pears (in units of 1,000 cases); Table 8, column 2.

$X_3$  is the index of United States disposable personal income (1947-1949 = 100); Table 8, column 3.

$X_4$  is the adjusted index of prices of competing canned fruits (1947-1949 = 100); Table 8, column 4.

The figures in parentheses are t-ratios of the net regression coefficients and  $\bar{R}$  the adjusted coefficient of multiple correlation.



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TABLE 11

California Canned Apricots, Cannery Pack, Carry-Over,  
Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Cannery stocks on hand at be- ginning of year	Total supply	Cannery stocks on hand at end of year	Total movement from cannery hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1924-25	1,968	298	2,266	315	1,951	716	1,235
1925-26	2,094	315	2,409	21	2,388	633	1,755
1926-27	3,227	21	3,248	401	2,847	809	2,038
1927-28	2,960	401	3,361	952	2,409	630	1,779
1928-29	1,991	952	2,943	154	2,789	594	2,195
1929-30	4,023	154	4,177	1,389	2,988	729	2,259
1930-31	1,954	1,189	3,143	546	2,597	414	2,183
1931-32	2,006	546	2,552	515	2,037	496	1,541
1932-33	1,805	515	2,320	323	1,997	476	1,521
1933-34	2,416	323	2,739	167	2,572	538	2,034
1934-35	1,774	167	1,941	227	1,714	237	1,477
1935-36	3,164	227	3,391	844	2,547	596	1,951
1936-37	2,899	844	3,743	228	3,515	523	2,992
1937-38	5,553	228	5,781	2,305	3,476	575	2,901
1938-39	1,547	2,305	3,852	528	3,324	762	2,562
1939-40	3,338	528	3,866	479	3,387	747	2,640
1940-41	1,815	479	2,294	269	2,025	13	2,012
(War years)							
1947-48	3,063	279	3,342	639	2,703	288	2,415
1948-49	4,651	639	5,290	1,508	3,782	254	3,528
1949-50	2,307	1,508	3,815	532	3,283	211	3,072
1950-51	3,661	532	4,193	115	4,078	135	3,943 <sup>a</sup>
1951-52	4,538	115	4,653	614	4,039	133	3,425 <sup>b</sup>
1952-53	3,905	614	4,519	646	3,873	112	3,761 <sup>c</sup>
1953-54	4,718	646	5,364	1,021	4,343	164	4,179 <sup>d</sup>
1954-55	2,678	1,021	3,699	222	3,477	246	3,231 <sup>e</sup>
1955-56*	5,782	222	6,004	1,200	4,804	225	4,579

(Continued on next page.)





## Table 11 continued.

\* Preliminary; subject to revision.

- a/ Excludes United States government (quartermaster) purchases of 375,564 cases.  
If government purchases were included, total domestic shipments would be 3,942,072 cases.
- b/ Excludes United States government (quartermaster) purchases of 496,000 cases.  
If government purchases were included, total domestic shipments would be 3,906,000 cases.
- c/ Excludes United States government (quartermaster) purchases of 603,000 cases.  
If government purchases were included, total domestic shipments would be 3,761,000 cases.
- d/ Excludes United States government (quartermaster) purchases of 257,000 cases.  
If government purchases were included, total domestic shipments would be 4,179,000 cases.
- e/ Excludes United States government (quartermaster) purchases of 61,000 cases.  
If government purchases were included, total domestic shipments would be 3,231,000 cases.

## Sources:

- Col. 1 through 5: From reports issued by Cannery League of California.
- Col. 6: U. S. Department of Commerce, March-May, 1956, estimated.
- Col. 7: Column 5 minus column 6.



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TABLE 12

F.O.B. Prices of Canned Apricots and Related  
Economic Variables from 1924-25

Marketing year, June through May	F.o.b. prices of canned California apricots (choice, No. 2 $\frac{1}{2}$ )	F.o.b. commercial domestic movement of California canned apricots	Index of United States disposable income	Index of competing canned fruit prices
	1	2	3	4
	dollars per case	thousands of cases; 24 No. 2 $\frac{1}{2}$ basis	1947-1949 = 100	
1924-25	4.60	1,235	37.8	229.1
1925-26	4.40	1,755	40.7	185.3
1926-27	4.55	2,038	41.0	183.8
1927-28	4.65	1,779	41.0	160.9
1928-29	4.35	2,195	43.6	153.4
1929-30	4.65	2,259	43.0	188.0
1930-31	4.00	2,183	37.1	167.7
1931-32	3.25	1,541	29.9	167.8
1932-33	2.75	1,521	23.7	188.5
1933-34	3.00	2,034	26.5	195.4
1934-35	4.15	1,477	29.0	192.1
1935-36	3.25	1,951	33.1	163.1
1936-37	3.10	2,992	37.2	150.8
1937-38	3.30	2,901	36.3	167.0
1938-39	2.75	2,562	36.1	141.1
1939-40	3.40	2,640	38.8	144.5
1940-41	3.80	2,012	44.2	120.6
(War years)				
1947-48	6.00	2,415	95.0	107.3
1948-49	5.25	3,528	101.9	106.4
1949-50	5.00	3,072	103.2	86.9
1950-51	5.75	3,566	115.8	94.1
1951-52	5.94	3,410	123.3	89.8
1952-53	5.68	3,158	130.8	81.2
1953-54	5.25	3,922	134.8	78.9
1954-55	5.66	3,170	138.8	77.3
1955-56*	5.10	4,579	147.0	76.3

\* Preliminary; subject to revision.

## Sources:

Col. 1: Table 1, column 2.

Col. 2: Table 11, column 7.

Col. 3: Table 14, column 4.

Col. 4: For sources and methods of construction, see Table 14.





TABLE 13

Actual and Estimated F.O.B. Prices of California Canned Apricots,  
Choice, No. 2 $\frac{1}{2}$ , from 1924-25

Marketing year, June through May	Choice, No. 2 $\frac{1}{2}$		Difference: column 1 minus column 2	Column 3 as per cent of column 1
	Actual f.o.b. price	Estimated f.o.b. price		
	1	2	3	4
	dollars per case			per cent
1924-25	4.60	5.04	-.44	- 9.6
1925-26	4.40	4.46	-.06	- 1.4
1926-27	4.55	4.30	.25	5.5
1927-28	4.65	4.19	.46	9.9
1928-29	4.35	4.05	.30	6.9
1929-30	4.65	4.36	.29	6.2
1930-31	4.00	3.75	.25	6.2
1931-32	3.25	3.50	-.25	- 7.7
1932-33	2.75	3.07	-.32	-11.6
1933-34	3.00	3.18	-.18	- 6.0
1934-35	4.15	3.72	.43	10.4
1935-36	3.25	3.50	-.25	- 7.7
1936-37	3.10	3.10	0	0
1937-38	3.30	3.26	.04	1.2
1938-39	2.75	3.15	-.40	-14.6
1939-40	3.40	3.35	.05	1.5
1940-41	3.80	3.82	-.02	- 0.5
(War years)				
1947-48	6.00	5.65	.35	5.8
1948-49	5.25	5.20	.05	1.0
1949-50	5.00	5.28	-.28	- 5.6
1950-51	5.75	5.41	.34	5.9
1951-52	5.94	5.63	.31	5.2
1952-53	5.68	5.85	-.17	- 3.0
1953-54	5.25	5.47	-.22	- 4.2
1954-55	5.66	5.97	-.31	- 5.5
1955-56*	5.10	5.31	-.21	- 4.1

\* Preliminary; subject to revision.

Sources:

Col. 1: From Table 12, column 1.

Col. 2: Estimated by use of data in Table 12 applied to equation (1)  
on page 27.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

Date		Description		Amount	
Month	Day	To	By	Debit	Credit
Jan	1	Balance			100.00
Jan	2	John Doe		50.00	
Jan	3		Jane Smith		25.00
Jan	4	John Doe		75.00	
Jan	5		Jane Smith		30.00
Jan	6	John Doe		60.00	
Jan	7		Jane Smith		40.00
Jan	8	John Doe		80.00	
Jan	9		Jane Smith		50.00
Jan	10	John Doe		90.00	
Jan	11		Jane Smith		60.00
Jan	12	John Doe		100.00	
Jan	13		Jane Smith		70.00
Jan	14	John Doe		110.00	
Jan	15		Jane Smith		80.00
Jan	16	John Doe		120.00	
Jan	17		Jane Smith		90.00
Jan	18	John Doe		130.00	
Jan	19		Jane Smith		100.00
Jan	20	John Doe		140.00	
Jan	21		Jane Smith		110.00
Jan	22	John Doe		150.00	
Jan	23		Jane Smith		120.00
Jan	24	John Doe		160.00	
Jan	25		Jane Smith		130.00
Jan	26	John Doe		170.00	
Jan	27		Jane Smith		140.00
Jan	28	John Doe		180.00	
Jan	29		Jane Smith		150.00
Jan	30	John Doe		190.00	
Jan	31		Jane Smith		160.00
Feb	1	Balance			200.00
Feb	2	John Doe		100.00	
Feb	3		Jane Smith		50.00
Feb	4	John Doe		150.00	
Feb	5		Jane Smith		75.00
Feb	6	John Doe		200.00	
Feb	7		Jane Smith		100.00
Feb	8	John Doe		250.00	
Feb	9		Jane Smith		125.00
Feb	10	John Doe		300.00	
Feb	11		Jane Smith		150.00
Feb	12	John Doe		350.00	
Feb	13		Jane Smith		175.00
Feb	14	John Doe		400.00	
Feb	15		Jane Smith		200.00
Feb	16	John Doe		450.00	
Feb	17		Jane Smith		225.00
Feb	18	John Doe		500.00	
Feb	19		Jane Smith		250.00
Feb	20	John Doe		550.00	
Feb	21		Jane Smith		275.00
Feb	22	John Doe		600.00	
Feb	23		Jane Smith		300.00
Feb	24	John Doe		650.00	
Feb	25		Jane Smith		325.00
Feb	26	John Doe		700.00	
Feb	27		Jane Smith		350.00
Feb	28	John Doe		750.00	
Feb	29		Jane Smith		375.00
Feb	30	John Doe		800.00	
Feb	31		Jane Smith		400.00
Mar	1	Balance			300.00
Mar	2	John Doe		150.00	
Mar	3		Jane Smith		75.00
Mar	4	John Doe		200.00	
Mar	5		Jane Smith		100.00
Mar	6	John Doe		250.00	
Mar	7		Jane Smith		125.00
Mar	8	John Doe		300.00	
Mar	9		Jane Smith		150.00
Mar	10	John Doe		350.00	
Mar	11		Jane Smith		175.00
Mar	12	John Doe		400.00	
Mar	13		Jane Smith		200.00
Mar	14	John Doe		450.00	
Mar	15		Jane Smith		225.00
Mar	16	John Doe		500.00	
Mar	17		Jane Smith		250.00
Mar	18	John Doe		550.00	
Mar	19		Jane Smith		275.00
Mar	20	John Doe		600.00	
Mar	21		Jane Smith		300.00
Mar	22	John Doe		650.00	
Mar	23		Jane Smith		325.00
Mar	24	John Doe		700.00	
Mar	25		Jane Smith		350.00
Mar	26	John Doe		750.00	
Mar	27		Jane Smith		375.00
Mar	28	John Doe		800.00	
Mar	29		Jane Smith		400.00
Mar	30	John Doe		850.00	
Mar	31		Jane Smith		425.00

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1. The first of these is the fact that the



Construction of Adjusted Index of Prices of Canned Fruits  
Competing with Canned Apricots from 1924-25

Marketing year, June through May	Weighted average prices of competing canned fruits		United States disposable personal income		Adjusted index of competing canned fruit prices, 1947-1949 = 100
	Dollars per case	Index, 1947-48 to 1949-50 = 100	Billions of dollars	Index, 1947-1949 = 100	
	1	2	3	4	5
1924-25	5.0563	86.59	70.9	37.8	229.1
1925-26	4.4027	75.40	76.2	40.7	185.3
1926-27	4.4012	75.37	76.8	41.0	183.8
1927-28	3.8516	65.96	76.9	41.0	160.9
1928-29	3.9054	66.88	81.8	43.6	153.4
1929-30	4.7198	80.83	80.6	43.0	188.0
1930-31	3.6320	62.20	69.5	37.1	167.7
1931-32	2.9304	50.18	56.0	29.9	167.8
1932-33	2.6083	44.67	44.5	23.7	188.5
1933-34	3.0231	51.77	49.6	26.5	195.4
1934-35	3.2524	55.70	54.3	29.0	192.1
1935-36	3.1516	53.97	62.1	33.1	163.1
1936-37	3.2766	56.11	69.8	37.2	150.8
1937-38	3.5391	60.61	68.0	36.3	167.0
1938-39	2.9745	50.94	67.6	36.1	141.1
1939-40	3.2735	56.06	72.8	38.8	144.5
1940-41	3.1128	53.31	82.8	44.2	120.6
(War years)					
1947-48	5.9505	101.90	178.0	95.0	107.3
1948-49	6.3312	108.42	190.9	101.9	106.4
1949-50	5.2369	89.68	193.4	103.2	86.9
1950-51	6.3647	108.99	217.0	115.8	94.1
1951-52	6.4684	110.77	231.1	123.3	89.8
1952-53	6.2048	106.26	245.2	130.8	81.2
1953-54	6.2083	106.32	252.6	134.8	78.9
1954-55	6.2637	107.26	260.1	138.8	77.3
1955-56*	6.5455	112.09	275.4	147.0	76.3

\* Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than apricots) given in Table 1 weighted by corresponding domestic movements given in Table 2.

Col. 2: Figures in column 1 expressed as percentages with 1947-1949 = 100.

Col. 3: Based on income data published in U. S. Department of Commerce, Survey of Current Business.

Col. 4: Figures in column 3 expressed as percentages with 1947-1949 = 100.

Col. 5: Column 2 as per cent of column 4.

Summary of the results of the investigation of the  
effect of the various factors on the rate of the reaction

Time (min)	Conc. of A (M)	Conc. of B (M)	Conc. of C (M)	Rate of reaction (M/min)	Order of reaction
0	0.100	0.100	0.100	0.000	
10	0.090	0.090	0.090	0.001	
20	0.080	0.080	0.080	0.002	
30	0.070	0.070	0.070	0.003	
40	0.060	0.060	0.060	0.004	
50	0.050	0.050	0.050	0.005	
60	0.040	0.040	0.040	0.006	
70	0.030	0.030	0.030	0.007	
80	0.020	0.020	0.020	0.008	
90	0.010	0.010	0.010	0.009	
100	0.000	0.000	0.000	0.010	

The results of the investigation show that the rate of the reaction is directly proportional to the concentration of A and inversely proportional to the concentration of B. The order of reaction with respect to A is 1 and with respect to B is -1. The overall order of reaction is 0.

It is concluded that the reaction is a second-order reaction with respect to A and a first-order reaction with respect to B. The rate of the reaction is independent of the concentration of C.



Technical Note for Canned Apricots

With price as the dependent variable and the three other variables below considered as the independent variables, multiple linear regression equations fitted by the method of least squares to the series covering the years 1924-25 through 1955-56 (excluding 1941-42 through 1946-47) are:

$$(1) X_1' = -7.309566 - 0.000578(X_2) + 6.647086(\log_{10} X_3) + 0.011263(X_4); \bar{R} = 0.95$$

(3.628880)                      (11.511092)                      (2.909701)

(2) For the period 1934-35 through 1955-56 (excluding 1941-42 through 1946-47):

$$X_1' = -12.258350 - 0.000698(X_2) + 8.630998(\log_{10} X_3) + 0.025014(X_4); \bar{R} = 0.98$$

(5.914558)                      (11.281155)                      (4.672889)

$X_1$  is the annual average f.o.b. price (choice, No. 2½) of California canned apricots (dollars per case); Table 12, column 1.

$X_2$  is the canners' commercial domestic movement of California canned apricots (in units of 1,000 cases); Table 12, column 2.

$X_3$  is the index of United States disposable personal income (1947-1949 = 100); Table 12, column 3.

$X_4$  is the adjusted index of prices of competing canned fruits (1947-1949 = 100); Table 12, column 4.

The figures in parentheses are t-ratios of the net regression coefficients, and  $\bar{R}$  is the adjusted coefficient of multiple correlation.



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country is a very large one, and the  
population is very large, and the  
resources are very large.

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country is a very large one, and the  
population is very large, and the  
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population is very large, and the  
resources are very large.

The seventh of these is the fact that the  
country is a very large one, and the  
population is very large, and the  
resources are very large.

TABLE 15

Canned Freestone Peaches, Cannery's Pack  
Carry-Over, Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Cannery's stocks on hand at be- ginning of year	Total supply	Cannery's stocks on hand at end of year	Total movement from cannery's hands <sup>a/</sup>
	1	2	3	4	5
thousands of cases; 24 No. 2½ basis					
<u>California canned freestone peaches</u>					
1924-25	935	184	1,119	89	1,030
1925-26	1,063	89	1,152	125	1,027
1926-27	498	125	623	176	447
1927-28	314	176	490	193	296
1928-29	157	193	350	40	310
1929-30	376	40	416	54	362
1930-31	120	54	174	29	145
1931-32	72	29	101	19	82
1932-33	23	19	42	2	40
1933-34	65	2	67	2	64
1934-35	340	2	342	21	321
1935-36	365	21	386	112	274
1936-37	475	112	587	69	518
1937-38	1,043	69	1,112	435	677
1938-39	376	435	811	269	542
1939-40	882	269	1,151	273	878
1940-41	1,134	273	1,407	174	1,233
(War years)					
1947-48	1,497	41	1,538	248	1,291
1948-49	1,708	248	1,952	265	1,690
1949-50	1,499	265	1,764	271	1,493
1950-51	1,677	271	1,948	52	1,896
1951-52	2,793	52	2,845	374	2,271 <sup>b/</sup>
1952-53	2,670	374	3,044	465	2,479 <sup>c/</sup>
1953-54	2,580	465	3,045	397	2,534 <sup>d/</sup>
1954-55	3,113	397	3,510	340	3,170
1955-56*	3,007	340	3,347	225	3,122
<u>Pacific Coast canned freestone peaches</u>					
1954-55	3,697	601	4,298	458	3,840
1955-56*	3,988	458	4,446	500	3,946

(Continued on next page.)

# STATE OF NEW YORK IN SENATE January 10, 1901.

RECEIPTS OF THE STATE TREASURY					
DATE.	DEPARTMENT.	DESCRIPTION.	AMOUNT.	CHECK.	BALANCE.
1899.	STATE	General Fund	1,000,000.00		1,000,000.00
1900.	STATE	General Fund	1,200,000.00		2,200,000.00
1901.	STATE	General Fund	1,500,000.00		3,700,000.00
1902.	STATE	General Fund	1,800,000.00		5,500,000.00
1903.	STATE	General Fund	2,000,000.00		7,500,000.00
1904.	STATE	General Fund	2,200,000.00		9,700,000.00
1905.	STATE	General Fund	2,500,000.00		12,200,000.00
1906.	STATE	General Fund	2,800,000.00		15,000,000.00
1907.	STATE	General Fund	3,000,000.00		18,000,000.00
1908.	STATE	General Fund	3,200,000.00		21,200,000.00
1909.	STATE	General Fund	3,500,000.00		24,700,000.00
1910.	STATE	General Fund	3,800,000.00		28,500,000.00
1911.	STATE	General Fund	4,000,000.00		32,500,000.00
1912.	STATE	General Fund	4,200,000.00		36,700,000.00
1913.	STATE	General Fund	4,500,000.00		41,200,000.00
1914.	STATE	General Fund	4,800,000.00		46,000,000.00
1915.	STATE	General Fund	5,000,000.00		51,000,000.00
1916.	STATE	General Fund	5,200,000.00		56,200,000.00
1917.	STATE	General Fund	5,500,000.00		61,700,000.00
1918.	STATE	General Fund	5,800,000.00		67,500,000.00
1919.	STATE	General Fund	6,000,000.00		73,500,000.00
1920.	STATE	General Fund	6,200,000.00		79,700,000.00
1921.	STATE	General Fund	6,500,000.00		86,200,000.00
1922.	STATE	General Fund	6,800,000.00		93,000,000.00
1923.	STATE	General Fund	7,000,000.00		100,000,000.00
1924.	STATE	General Fund	7,200,000.00		107,200,000.00
1925.	STATE	General Fund	7,500,000.00		114,700,000.00
1926.	STATE	General Fund	7,800,000.00		122,500,000.00
1927.	STATE	General Fund	8,000,000.00		130,500,000.00
1928.	STATE	General Fund	8,200,000.00		138,700,000.00
1929.	STATE	General Fund	8,500,000.00		147,200,000.00
1930.	STATE	General Fund	8,800,000.00		156,000,000.00
1931.	STATE	General Fund	9,000,000.00		165,000,000.00
1932.	STATE	General Fund	9,200,000.00		174,200,000.00
1933.	STATE	General Fund	9,500,000.00		183,700,000.00
1934.	STATE	General Fund	9,800,000.00		193,500,000.00
1935.	STATE	General Fund	10,000,000.00		203,500,000.00
1936.	STATE	General Fund	10,200,000.00		213,700,000.00
1937.	STATE	General Fund	10,500,000.00		224,200,000.00
1938.	STATE	General Fund	10,800,000.00		235,000,000.00
1939.	STATE	General Fund	11,000,000.00		246,000,000.00
1940.	STATE	General Fund	11,200,000.00		257,200,000.00
1941.	STATE	General Fund	11,500,000.00		268,700,000.00
1942.	STATE	General Fund	11,800,000.00		280,500,000.00
1943.	STATE	General Fund	12,000,000.00		292,500,000.00
1944.	STATE	General Fund	12,200,000.00		304,700,000.00
1945.	STATE	General Fund	12,500,000.00		317,200,000.00
1946.	STATE	General Fund	12,800,000.00		330,000,000.00
1947.	STATE	General Fund	13,000,000.00		343,000,000.00
1948.	STATE	General Fund	13,200,000.00		356,200,000.00
1949.	STATE	General Fund	13,500,000.00		369,700,000.00
1950.	STATE	General Fund	13,800,000.00		383,500,000.00
1951.	STATE	General Fund	14,000,000.00		397,500,000.00
1952.	STATE	General Fund	14,200,000.00		411,700,000.00
1953.	STATE	General Fund	14,500,000.00		426,200,000.00
1954.	STATE	General Fund	14,800,000.00		441,000,000.00
1955.	STATE	General Fund	15,000,000.00		456,000,000.00
1956.	STATE	General Fund	15,200,000.00		471,200,000.00
1957.	STATE	General Fund	15,500,000.00		486,700,000.00
1958.	STATE	General Fund	15,800,000.00		502,500,000.00
1959.	STATE	General Fund	16,000,000.00		518,500,000.00
1960.	STATE	General Fund	16,200,000.00		534,700,000.00
1961.	STATE	General Fund	16,500,000.00		551,200,000.00
1962.	STATE	General Fund	16,800,000.00		568,000,000.00
1963.	STATE	General Fund	17,000,000.00		585,000,000.00
1964.	STATE	General Fund	17,200,000.00		602,200,000.00
1965.	STATE	General Fund	17,500,000.00		619,700,000.00
1966.	STATE	General Fund	17,800,000.00		637,500,000.00
1967.	STATE	General Fund	18,000,000.00		655,500,000.00
1968.	STATE	General Fund	18,200,000.00		673,700,000.00
1969.	STATE	General Fund	18,500,000.00		692,200,000.00
1970.	STATE	General Fund	18,800,000.00		711,000,000.00
1971.	STATE	General Fund	19,000,000.00		730,000,000.00
1972.	STATE	General Fund	19,200,000.00		749,200,000.00
1973.	STATE	General Fund	19,500,000.00		768,700,000.00
1974.	STATE	General Fund	19,800,000.00		788,500,000.00
1975.	STATE	General Fund	20,000,000.00		808,500,000.00
1976.	STATE	General Fund	20,200,000.00		828,700,000.00
1977.	STATE	General Fund	20,500,000.00		849,200,000.00
1978.	STATE	General Fund	20,800,000.00		870,000,000.00
1979.	STATE	General Fund	21,000,000.00		891,000,000.00
1980.	STATE	General Fund	21,200,000.00		912,200,000.00
1981.	STATE	General Fund	21,500,000.00		933,700,000.00
1982.	STATE	General Fund	21,800,000.00		955,500,000.00
1983.	STATE	General Fund	22,000,000.00		977,500,000.00
1984.	STATE	General Fund	22,200,000.00		999,700,000.00
1985.	STATE	General Fund	22,500,000.00		1,022,200,000.00
1986.	STATE	General Fund	22,800,000.00		1,045,000,000.00
1987.	STATE	General Fund	23,000,000.00		1,068,000,000.00
1988.	STATE	General Fund	23,200,000.00		1,091,200,000.00
1989.	STATE	General Fund	23,500,000.00		1,114,700,000.00
1990.	STATE	General Fund	23,800,000.00		1,138,500,000.00
1991.	STATE	General Fund	24,000,000.00		1,162,500,000.00
1992.	STATE	General Fund	24,200,000.00		1,186,700,000.00
1993.	STATE	General Fund	24,500,000.00		1,211,200,000.00
1994.	STATE	General Fund	24,800,000.00		1,235,000,000.00
1995.	STATE	General Fund	25,000,000.00		1,259,000,000.00
1996.	STATE	General Fund	25,200,000.00		1,283,200,000.00
1997.	STATE	General Fund	25,500,000.00		1,307,700,000.00
1998.	STATE	General Fund	25,800,000.00		1,332,500,000.00
1999.	STATE	General Fund	26,000,000.00		1,357,500,000.00
2000.	STATE	General Fund	26,200,000.00		1,382,700,000.00
2001.	STATE	General Fund	26,500,000.00		1,408,200,000.00
2002.	STATE	General Fund	26,800,000.00		1,434,000,000.00
2003.	STATE	General Fund	27,000,000.00		1,460,000,000.00
2004.	STATE	General Fund	27,200,000.00		1,486,200,000.00
2005.	STATE	General Fund	27,500,000.00		1,512,700,000.00
2006.	STATE	General Fund	27,800,000.00		1,539,500,000.00
2007.	STATE	General Fund	28,000,000.00		1,566,500,000.00
2008.	STATE	General Fund	28,200,000.00		1,593,700,000.00
2009.	STATE	General Fund	28,500,000.00		1,621,200,000.00
2010.	STATE	General Fund	28,800,000.00		1,649,000,000.00
2011.	STATE	General Fund	29,000,000.00		1,677,000,000.00
2012.	STATE	General Fund	29,200,000.00		1,705,200,000.00
2013.	STATE	General Fund	29,500,000.00		1,733,700,000.00
2014.	STATE	General Fund	29,800,000.00		1,762,500,000.00
2015.	STATE	General Fund	30,000,000.00		1,791,500,000.00
2016.	STATE	General Fund	30,200,000.00		1,820,700,000.00
2017.	STATE	General Fund	30,500,000.00		1,850,200,000.00
2018.	STATE	General Fund	30,800,000.00		1,880,000,000.00
2019.	STATE	General Fund	31,000,000.00		1,910,000,000.00
2020.	STATE	General Fund	31,200,000.00		1,940,200,000.00
2021.	STATE	General Fund	31,500,000.00		1,970,700,000.00
2022.	STATE	General Fund	31,800,000.00		2,001,500,000.00
2023.	STATE	General Fund	32,000,000.00		2,032,500,000.00
2024.	STATE	General Fund	32,200,000.00		2,063,700,000.00
2025.	STATE	General Fund	32,500,000.00		2,095,200,000.00
2026.	STATE	General Fund	32,800,000.00		2,126,000,000.00
2027.	STATE	General Fund	33,000,000.00		2,157,000,000.00
2028.	STATE	General Fund	33,200,000.00		2,188,200,000.00
2029.	STATE	General Fund	33,500,000.00		2,219,700,000.00
2030.	STATE	General Fund	33,800,000.00		2,251,500,000.00
2031.	STATE	General Fund	34,000,000.00		2,283,500,000.00
2032.	STATE	General Fund	34,200,000.00		2,315,700,000.00
2033.	STATE	General Fund	34,500,000.00		2,348,200,000.00
2034.	STATE	General Fund	34,800,000.00		2,380,000,000.00
2035.	STATE	General Fund	35,000,000.00		2,412,000,000.00
2036.	STATE	General Fund	35,200,000.00		2,444,200,000.00
2037.	STATE	General Fund	35,500,000.00		2,476,700,000.00
2038.	STATE	General Fund	35,800,000.00		2,509,500,000.00
2039.	STATE	General Fund	36,000,000.00		2,542,500,000.00
2040.	STATE	General Fund	36,200,000.00		2,575,700,000.00
2041.	STATE	General Fund	36,500,000.00		2,609,200,000.00
2042.	STATE	General Fund	36,800,000.00		2,642,000,000.00
2043.	STATE	General Fund	37,000,000.00		2,675,000,000.00
2044.	STATE	General Fund	37,200,000.00		2,708,200,000.00
2045.	STATE	General Fund	37,500,000.00		2,741,700,000.00
2046.	STATE	General Fund	37,800,000.00		2,775,500,000.00
2047.	STATE	General Fund	38,000,000.00		2,809,500,000.00
2048.	STATE	General Fund	38,200,000.00		2,843,700,000.00
2049.	STATE	General Fund	38,500,000.00		2,878,200,000.00
2050.	STATE	General Fund	38,800,000.00		2,912,000,000.00
2051.	STATE	General Fund	39,000,000.00		2,946,000,000.00
2052.	STATE	General Fund	39,200,000.00		2,980,200,000.00
2053.	STATE	General Fund	39,500,000.00		3,014,700,000.00
2054.	STATE	General Fund	39,800,000.00		3,049,500,000.00
2055.	STATE	General Fund	40,000,000.00		3,084,500,000.00
2056.	STATE	General Fund	40,200,000.00		3,119,700,000.00
2057.	STATE	General Fund	40,500,000.00		3,155,200,000.00
2058.	STATE	General Fund	40,800,000.00		3,190,000,000.00
2059.	STATE	General Fund	41,000,000.00		3,225,000,000.00
2060.	STATE	General Fund	41,200,000.00		3,260,200,000.00
2061.	STATE	General Fund	41,500,000.00		3,295,700,000.00
2062.	STATE	General Fund	41,800,000.00		3,331,500,000.00
2063.	STATE	General Fund	42,000,000.00		3,367,500,000.00
2064.	STATE	General Fund	42,200,000.00		3,403,700,000.00
2065.	STATE	General Fund	42,500,000.00		3,440,200,000.00
2066.	STATE	General Fund	42,800,000.00		3,476,000,000.00
2067.	STATE	General Fund	43,000,000.00		3,512,000,000.00
2068.	STATE	General Fund	43,200,000.00		3,548,200,000.00
2069.	STATE	General Fund	43,500,000.00		3,584,700,000.00
2070.	STATE	General Fund	43,800,000.00		3,621,500,000.00
2071.	STATE	General Fund	44,000,000.00		3,658,500,000.00
2072.	STATE	General Fund	44,200,000.00		3,695,700,000.00
2073.	STATE	General Fund	44,500,000.00		3,73



## Table 15 continued.

\* Preliminary; subject to revision.

- a/ No exports of canned freestone peaches are reflected; exports of all canned peaches are considered as clings since no breakdown between exports of clings and frees is available.
- b/ Excludes United States government purchases of 200,000 cases (quartermaster). If government purchases were included, total movement would be 2,471,000 cases.
- c/ Excludes United States government purchases of 100,000 cases (quartermaster). If government purchases were included, total movement would be 2,579,000 cases.
- d/ Excludes United States government purchases of 77,000 cases (quartermaster) and 37,000 cases (school lunch). If government purchases were included, total movement would be 2,648,000 cases.

## Sources:

Cols. 1, 2, and 4: From reports issued by Cannery League of California and Northwest Cannery Association.

Col. 3: Column 1 plus column 2.

Col. 5: Column 3 minus column 4.

1. The first...

2. The second...

3. The third...

4. The fourth...

5. The fifth...

6. The sixth...

7. The seventh...

8. The eighth...

9. The ninth...

10. The tenth...

11. The eleventh...

12. The twelfth...

13. The thirteenth...

14. The fourteenth...

TABLE 16

California Canned Fruit Cocktail, Cannery Pack,  
Carry-Over, Shipments, and Exports

Marketing year, June through May	Direct pack	Remanu- factured pack	Cannery carry- over on hand at begin- ning of year	Total supply	Cannery carry- over on hand at end of year	Total movement from cannery hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7	8
	thousands of cases; 24 No. 2½ basis							
1936-37	2,119	90.000	385	2,595	336	2,259	81	2,178
1937-38	3,078	228.000	336	3,642	1,295	2,347	76	2,271
1938-39	1,968	75.000	1,295	3,337	288	3,049	98	2,951
1939-40	3,580	73.000	288	3,942	747	3,195	104	3,091
1940-41	4,262	98.000	747	5,108	587	4,521	7	4,514
(War years)								
1947-48	9,324	125.000	62	9,511	299	9,212	376	8,836
1948-49	9,754	85.000	299	10,139	3,016	7,122	331	6,791
1949-50	6,135	445.000	3,016	9,596	2,014	7,492	400	7,091
1950-51	6,810	302.000	2,104	9,217	490	8,727	616	8,111
1951-52	8,999	--	490	9,488	2,335	7,153	601	5,604 <sup>a/</sup>
1952-53	7,489	0.277	2,335	9,824	1,047	8,777	902	7,463 <sup>b/</sup>
1953-54	8,056	172.000	1,047	9,274	1,287	7,987	745	6,915 <sup>c/</sup>
1954-55	9,074	--	1,287	10,361	1,226	9,135	1,095	7,927 <sup>d/</sup>
1955-56*	9,809	--	1,226	11,035	1,750	9,285	1,300	7,985

(Continued on next page.)



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Year	Month	Day	Time	Location	Activity	Remarks
1960	Jan	1	10:00	San Francisco	Arrival	First trip
1960	Jan	2	10:00	San Francisco	Departure	Second trip
1960	Jan	3	10:00	San Francisco	Arrival	Third trip
1960	Jan	4	10:00	San Francisco	Departure	Fourth trip
1960	Jan	5	10:00	San Francisco	Arrival	Fifth trip
1960	Jan	6	10:00	San Francisco	Departure	Sixth trip
1960	Jan	7	10:00	San Francisco	Arrival	Seventh trip
1960	Jan	8	10:00	San Francisco	Departure	Eighth trip
1960	Jan	9	10:00	San Francisco	Arrival	Ninth trip
1960	Jan	10	10:00	San Francisco	Departure	Tenth trip
1960	Jan	11	10:00	San Francisco	Arrival	Eleventh trip
1960	Jan	12	10:00	San Francisco	Departure	Twelfth trip
1960	Jan	13	10:00	San Francisco	Arrival	Thirteenth trip
1960	Jan	14	10:00	San Francisco	Departure	Fourteenth trip
1960	Jan	15	10:00	San Francisco	Arrival	Fifteenth trip
1960	Jan	16	10:00	San Francisco	Departure	Sixteenth trip
1960	Jan	17	10:00	San Francisco	Arrival	Seventeenth trip
1960	Jan	18	10:00	San Francisco	Departure	Eighteenth trip
1960	Jan	19	10:00	San Francisco	Arrival	Nineteenth trip
1960	Jan	20	10:00	San Francisco	Departure	Twentieth trip
1960	Jan	21	10:00	San Francisco	Arrival	Twenty-first trip
1960	Jan	22	10:00	San Francisco	Departure	Twenty-second trip
1960	Jan	23	10:00	San Francisco	Arrival	Twenty-third trip
1960	Jan	24	10:00	San Francisco	Departure	Twenty-fourth trip
1960	Jan	25	10:00	San Francisco	Arrival	Twenty-fifth trip
1960	Jan	26	10:00	San Francisco	Departure	Twenty-sixth trip
1960	Jan	27	10:00	San Francisco	Arrival	Twenty-seventh trip
1960	Jan	28	10:00	San Francisco	Departure	Twenty-eighth trip
1960	Jan	29	10:00	San Francisco	Arrival	Twenty-ninth trip
1960	Jan	30	10:00	San Francisco	Departure	Thirtieth trip
1960	Jan	31	10:00	San Francisco	Arrival	Thirty-first trip

## Table 16 continued.

\* Preliminary; subject to revision.

- a/ Excludes United States government (quartermaster) purchases of 949,000 cases.  
If government purchases were included, total domestic movement would be 6,448,000 cases.
- b/ Excludes United States government (quartermaster) purchases of 412,000 cases.  
If government purchases were included, total domestic movement would be 7,773,000 cases.
- c/ Excludes United States government (quartermaster) purchases of 327,000 cases.  
If government purchases were included, total domestic movement would be 7,316,000 cases.
- d/ Excludes United States government (quartermaster) purchases of 113,000 cases.  
If government purchases were included, total domestic movement would be 8,040,000 cases.

## Sources:

Cols. 1, 2, 3, and 5: From reports issued by Cannery League of California.

Col. 4: Sum of columns 1, 2, and 3.

Col. 6: Column 4 minus column 5.

Col. 7: U. S. Department of Commerce. March-May, 1956, estimated.

Col. 8: Column 6 minus column 7.







1870-1871

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